

What is claimed is :

1. An optical disk reading method comprising the steps of:  
reading a total of contents data in a read-in region of an optical disk  
to identify total number of data layers and pit configuration  
standard of the optical disk; and  
settling modulation of servomechanism means dependent upon the  
total of contents data;  
(a) the servomechanism means including:  
a focusing lens servo to modulate position of a focusing lens; and  
a tracking servo to modulate movement of a pickup.
2. An optical disk reading method comprising the steps of:  
reading a total of contents data in a read-in region of an optical disk  
to identify total number of data layers and pit configuration  
standard of the optical disk;  
collating the total of contents data with an optical disk standard data  
which is stored in a memory; and  
settling modulation of servomechanism means dependent upon the  
optical disk standard data which corresponds with the total of  
contents data;  
(b) the servomechanism means including:  
a focusing lens servo to modulate position of a focusing lens; and  
a tracking servo to modulate movement of a pickup.
3. An optical disk reading method comprising the steps of:  
processing an optical signal reflected from encoded pits on an optical  
disk until total number of data layers and pit configuration standard  
of the optical disk is identified;  
collating the processed optical signal with an optical disk standard  
data which is stored in a memory; and  
settling modulation of servomechanism means dependent upon the  
optical disk standard data which corresponds with the processed  
optical signal;  
(c) the servomechanism means including:  
a focusing lens servo to modulate position of a focusing lens; and  
a tracking servo to modulate movement of a pickup.

